

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
 Data File : BM013039.D
 Acq On : 18 Nov 2017 14:33
 Operator : SJ/JU
 Sample : I6405-07 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2S8

Quant Time: Nov 20 07:11:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 06:14:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	173903	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	681088	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	381775	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	865253	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1023533	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1038323	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.25	96	1183	0.32	ng/uL	0.00
5) Phenol-d5	6.89	99	17852	1.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	46717	5.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	51221	4.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	31910	2.59	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	31945	6.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	31708	6.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	60629	5.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	1413	0.12	ng/ul	0.01
43) Dimethylphthalate-d6	13.77	166	203832	6.09	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	241803	5.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	7430	1.46	ng/ul	0.00
57) Fluorene-d10	15.35	176	169767	5.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	22381	5.97	ng/ul	0.00
70) Anthracene-d10	17.20	188	262289	5.92	ng/ul	0.00
76) Pyrene-d10	19.49	212	299343	5.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	312867	5.94	ng/ul	0.00

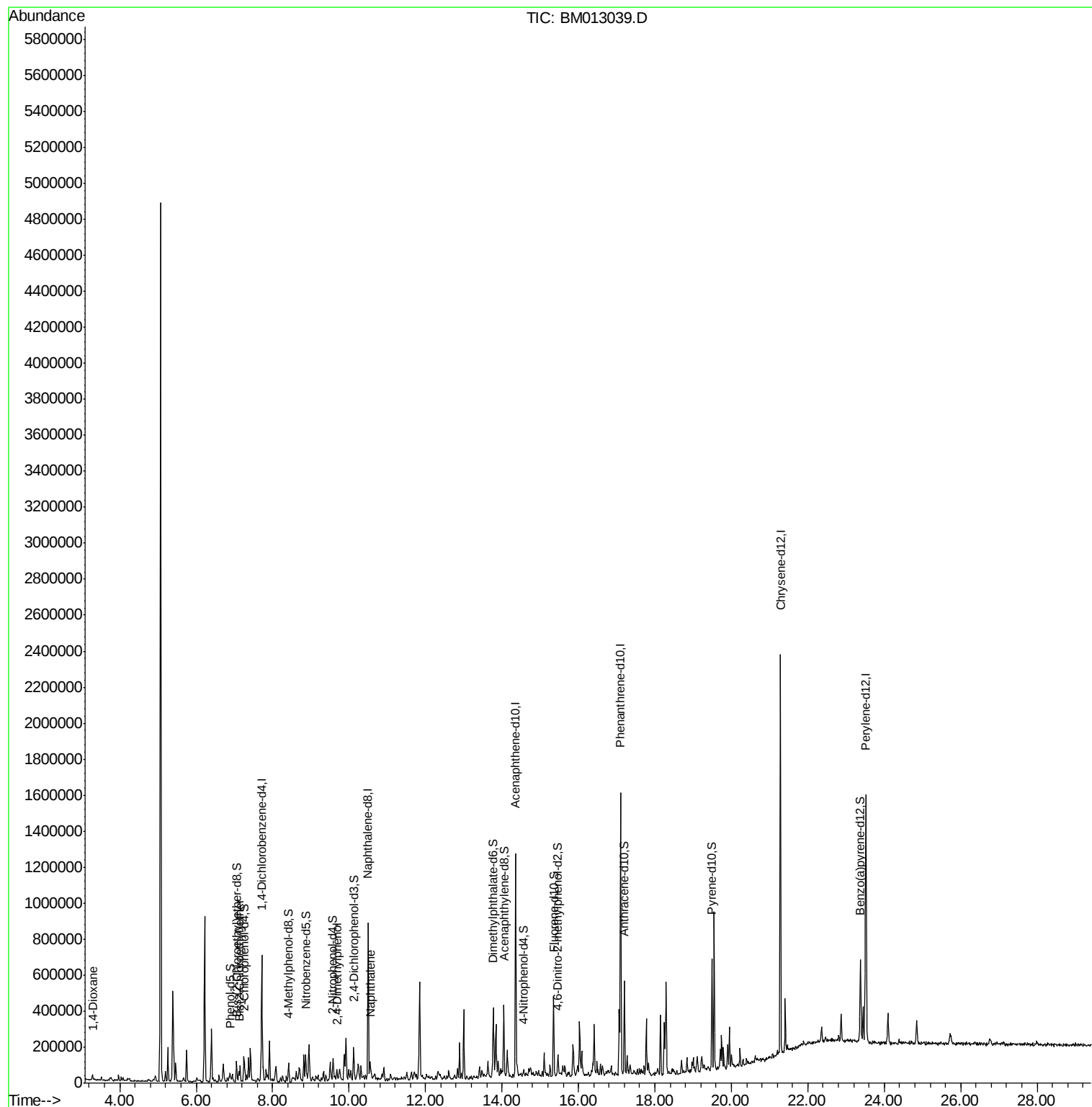
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.28	88	14436	3.500	ng/uL#	62
8) Bis(2-Chloroethyl)ether	7.15	93	40580	3.625	ng/ul	98
24) 2,4-Dimethylphenol	9.68	107	20156	1.525	ng/ul#	88
28) Naphthalene	10.55	128	63974	1.823	ng/ul	95

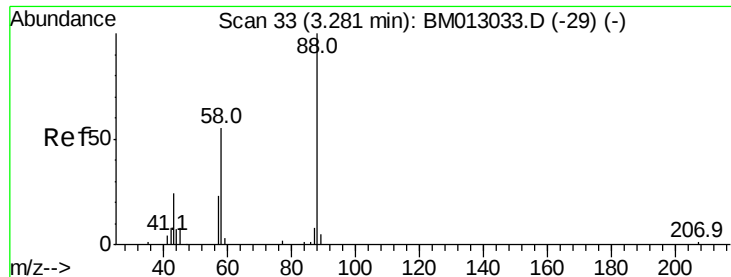
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.500 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM013039.D

Acq: 18 Nov 2017 14:33

Instrument :

BNA_M

ClientSampleId :

BE2S8

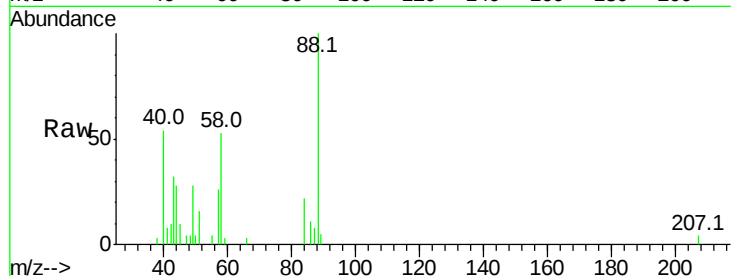
Tot Ion: 88 Resp: 14436

Ion Ratio Lower Upper

88 100

43 35.0 48.0 72.0#

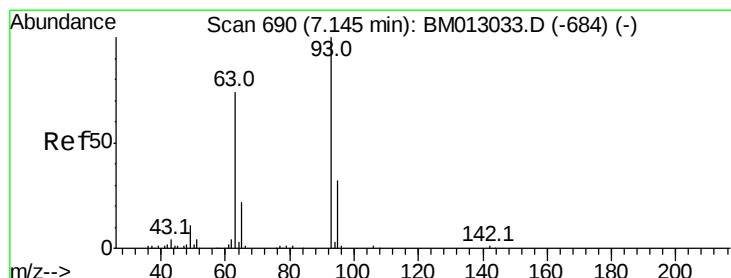
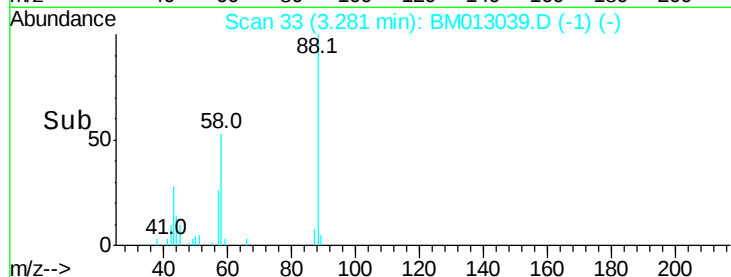
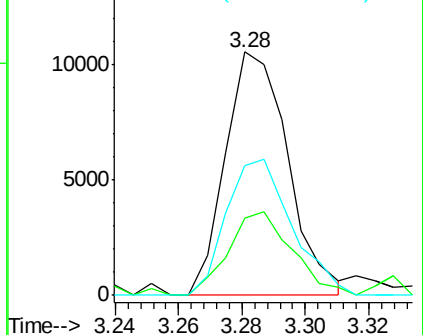
58 58.7 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013033.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM013033.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM013033.D (-29) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 3.625 ng/uL

RT: 7.15 min Scan# 691

Delta R.T. 0.01 min

Lab File: BM013039.D

Acq: 18 Nov 2017 14:33

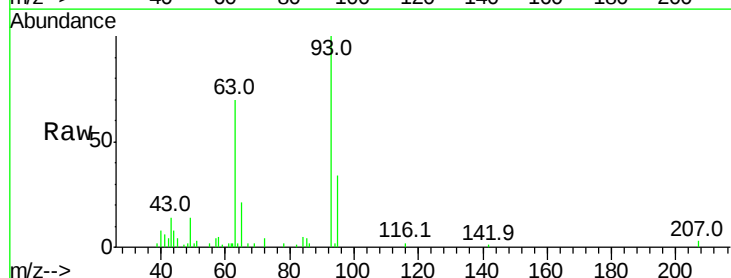
Tgt Ion: 93 Resp: 40580

Ion Ratio Lower Upper

93 100

63 70.0 57.3 85.9

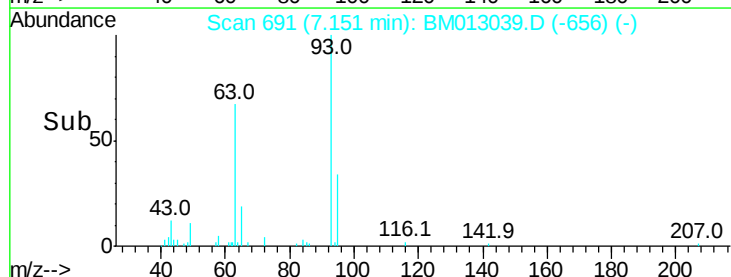
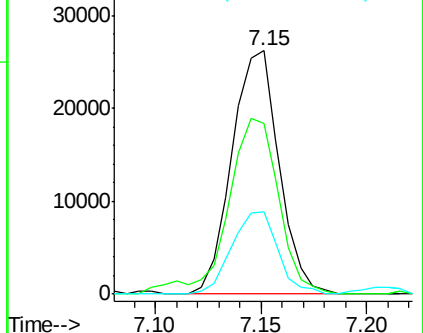
95 33.9 26.6 39.8

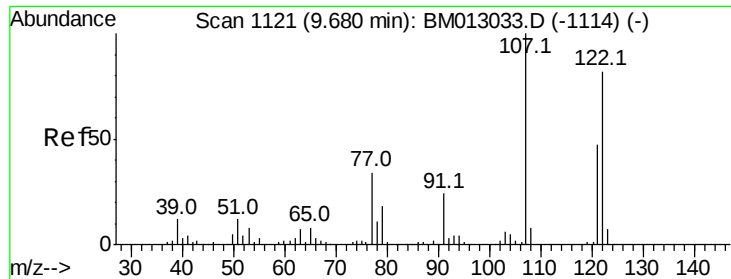


Abundance Ion 93.00 (92.70 to 93.70): BM013033.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM013033.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM013033.D (-684) (-)





#24

2,4-Dimethylphenol

Concen: 1.525 ng/ul

RT: 9.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BM013039.D

Acq: 18 Nov 2017 14:33

Instrument :

BNA_M

ClientSampled :

BE2S8

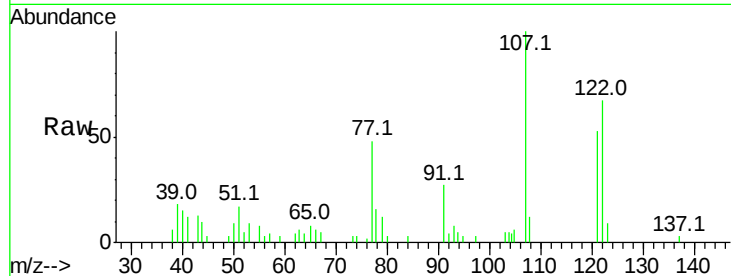
Tot Ion:107 Resp: 20156

Ion Ratio Lower Upper

107 100

121 52.8 31.9 47.9#

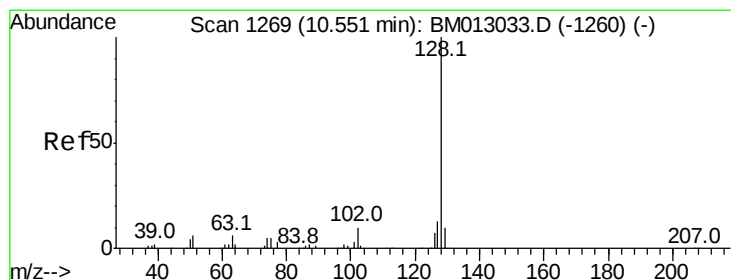
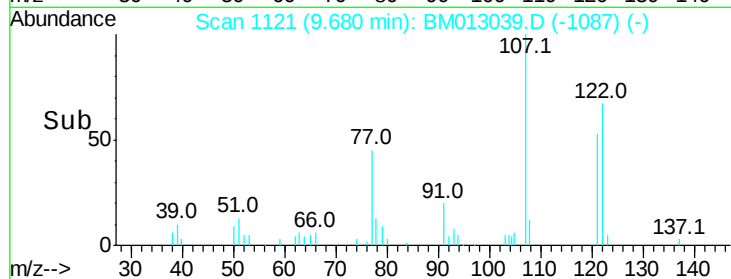
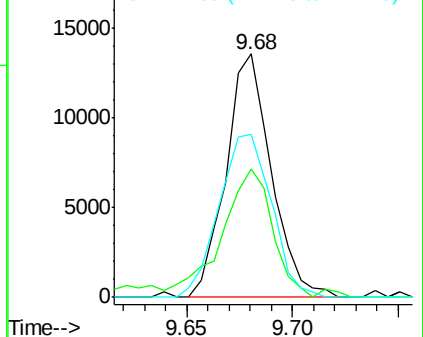
122 66.9 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 1.823 ng/ul

RT: 10.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM013039.D

Acq: 18 Nov 2017 14:33

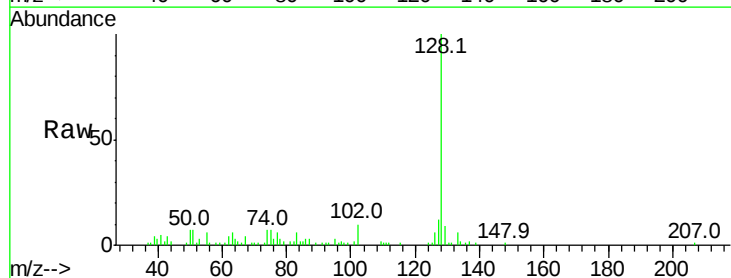
Tgt Ion:128 Resp: 63974

Ion Ratio Lower Upper

128 100

129 8.8 8.8 13.2

127 11.6 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

